FILE 'HOME' ENTERED AT 12:53:16 ON 07 MAR 2008

=> file registry
COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 12:53:34 ON 07 MAR 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 5 MAR 2008 HIGHEST RN 1006749-26-3
DICTIONARY FILE UPDATES: 5 MAR 2008 HIGHEST RN 1006749-26-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

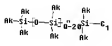
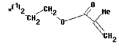
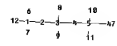
TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

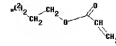
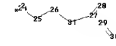
Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=>
Uploading C:\Program Files\Stnexp\Queries\235\235A.str

chain nodes :
1 2 3 4 5 6 7 8 9 10 11 12 15 16 17 18 19 20 21 22 23 24 25
26 27 28 29 30 31 37 38 39 40 47
ring nodes :
32 33 34 35 36
chain bonds :
1-2 1-6 1-7 1-12 2-3 3-4 3-8 3-9 4-5 5-10 5-11 5-47 15-16 16-17 17-23
18-20 18-19 18-23 20-21 20-22 24-25 25-26 26-31 27-29 27-28 27-31 29-30
32-39 33-38
36-37 39-40
ring bonds :
32-33 32-36 33-34 34-35 35-36
exact/norm bonds :
1-6 1-7 1-12 3-8 3-9 5-10 5-11 5-47 18-19 18-23 27-28 27-31 32-33 32-
36
33-34 33-38 34-35 35-36 36-37
exact bonds :
1-2 2-3 3-4 4-5 15-16 16-17 17-23 18-20 20-21 20-22 24-25 25-26 26-31
27-29 29-30 32-39 39-40

G1:[*1],[*2],[*3]

Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS 12:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS
20:CLASS 21:CLASS
22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:CLASS
30:CLASS 31:CLASS

32:Atom 33:Atom 34:Atom 35:Atom 36:Atom 37:CLASS 38:CLASS 39:CLASS 40:CLASS
47:CLASS

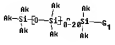
L1 STRUCTURE UPLOADED

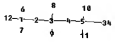
=> s L1 sss full
FULL SEARCH INITIATED 12:54:08 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 10299 TO ITERATE

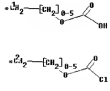
100.0% PROCESSED 10299 ITERATIONS (7 INCOMPLETE) 2762 ANSWERS
SEARCH TIME: 00.00.07

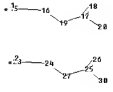
L2 2762 SEA SSS FUL L1

=>
Uploading C:\Program Files\Stnexp\Queries\235\235b.str



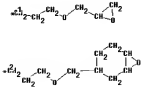


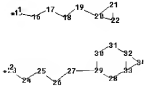


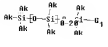


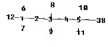
chain nodes :
1 2 3 4 5 6 7 8 9 10 11 12 15 16 17 18 19 20 23 24 25 26 27
30 34
chain bonds :
1-2 1-6 1-7 1-12 2-3 3-4 3-8 3-9 4-5 5-10 5-11 5-34 15-16 16-19 17-19
17-18 17-20 23-24 24-27 25-27 25-26 25-30
exact/norm bonds :

```
1-6  1-7  1-12  3-8  3-9  5-10  5-11  5-34  17-19  25-27  25-26
exact bonds :
1-2  2-3  3-4  4-5  15-16  16-19  23-24  24-27  25-30
normalized bonds :
17-18  17-20


G1:[*1],[*2]

Match level :
1:CLASS  2:CLASS  3:CLASS  4:CLASS  5:CLASS  6:CLASS  7:CLASS  8:CLASS  9:CLASS
10:CLASS  11:CLASS  12:CLASS  15:CLASS  16:CLASS  17:CLASS  18:CLASS  19:CLASS
20:CLASS  23:CLASS
24:CLASS  25:CLASS  26:CLASS  27:CLASS  30:CLASS  34:CLASS



L3      STRUCTURE UPLOADED

=> s L3 sss full
FULL SEARCH INITIATED 12:54:45 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -     6440 TO ITERATE

100.0% PROCESSED     6440 ITERATIONS  (     2 INCOMPLETE)       52 ANSWERS
SEARCH TIME: 00.00.06

L4           52 SEA SSS FUL L3

=>
Uploading C:\Program Files\Stnexp\Queries\235\235c.str
```



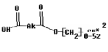


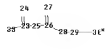


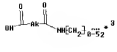


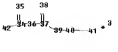
```
chain nodes :
1  2  3  4  5  6  7  8  9  10  11  12  15  16  17  18  19  23  24  25  26  27  38

ring nodes :
20  21  22  28  29  30  31  32  33  34
chain bonds :
```

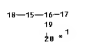
```
1-2  1-6  1-7  1-12  2-3  3-4  3-8  3-9  4-5  5-10  5-11  5-38  15-16  16-17  17-18
18-19  19-20  23-24  24-25  25-26  26-27  27-29
ring bonds :
20-21  20-22  21-22  28-29  28-33  29-30  30-31  31-32  32-33  32-34  33-34
exact/norm bonds :
1-6  1-7  1-12  3-8  3-9  5-10  5-11  5-38  20-21  20-22  21-22  28-29  28-33  29-
30
30-31  31-32  32-33  32-34  33-34
exact bonds :
1-2  2-3  3-4  4-5  15-16  16-17  17-18  18-19  19-20  23-24  24-25  25-26  26-27
27-29


G1:[*1],[*2]

Match level :
1:CLASS  2:CLASS  3:CLASS  4:CLASS  5:CLASS  6:CLASS  7:CLASS  8:CLASS  9:CLASS
10:CLASS  11:CLASS  12:CLASS  15:CLASS  16:CLASS  17:CLASS  18:CLASS  19:CLASS
20:Atom  21:Atom  22:Atom
23:CLASS  24:CLASS  25:CLASS  26:CLASS  27:CLASS  28:Atom  29:Atom  30:Atom
31:Atom  32:Atom
33:Atom  34:Atom  38:CLASS



L5      STRUCTURE UPLOADED

=> s L5 sss full
FULL SEARCH INITIATED 12:55:27 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -     1460 TO ITERATE

100.0% PROCESSED     1460 ITERATIONS                              396 ANSWERS
SEARCH TIME: 00.00.01

L6          396 SEA SSS FUL L5

=>
Uploading C:\Program Files\Stnexp\Queries\235\235d.str
```

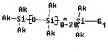


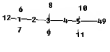












chain nodes :
1 2 3 4 5 6 7 8 9 10 11 12 15 16 17 18 19 20 23 24 25 26 27
28 29 30 33 34 35 36 37 38 39 40 41 42 49
chain bonds :
1-2 1-6 1-7 1-12 2-3 3-4 3-8 3-9 4-5 5-10 5-11 5-49 15-16 15-18 16-17
16-19 19-20 23-24 23-25 23-33 25-26 26-27 26-28 28-29 29-30 34-35 34-36
34-42 36-37
37-38 37-39 39-40 40-41
exact/norm bonds :
1-6 1-7 1-12 3-8 3-9 5-10 5-11 5-49 23-25 25-26 26-27 26-28 34-36 36-
37
37-38 37-39
exact bonds :
1-2 2-3 3-4 4-5 15-16 15-18 16-17 16-19 19-20 28-29 29-30 39-40 40-41

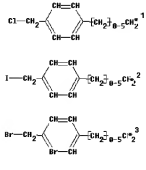
normalized bonds :
23-24 23-33 34-35 34-42

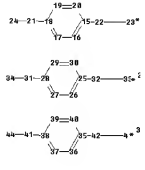
G1:[*1],[*2],[*3]

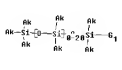
Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS 12:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS
20:CLASS 23:CLASS
24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:CLASS 30:CLASS 33:CLASS
34:CLASS 35:CLASS
36:CLASS 37:CLASS 38:CLASS 39:CLASS 40:CLASS 41:CLASS 42:CLASS 49:CLASS

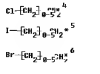
L7 STRUCTURE UPLOADED

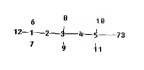
```
=> s L7 sss full
FULL SEARCH INITIATED 12:56:02 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -     5405 TO ITERATE

 99.1% PROCESSED     5359 ITERATIONS                          76 ANSWERS

 99.1% PROCESSED     5359 ITERATIONS                          76 ANSWERS

 99.1% PROCESSED     5359 ITERATIONS                          76 ANSWERS

 99.1% PROCESSED     5359 ITERATIONS                          76 ANSWERS

 99.1% PROCESSED     5359 ITERATIONS                          76 ANSWERS

 99.1% PROCESSED     5359 ITERATIONS                          76 ANSWERS

100.0% PROCESSED     5405 ITERATIONS  (     1 INCOMPLETE)       77 ANSWERS
SEARCH TIME: 00.01.47

L8            77 SEA SSS FUL L7

=>
Uploading C:\Program Files\Stnexp\Queries\235\235e.str
```

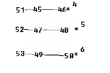












```
chain nodes :
1  2  3  4  5  6  7  8  9  10  11  12  21  22  23  24  31  32  33  34  41  42  43
44  45  46  47  48  49  50  51  52  53  73
ring nodes :
15  16  17  18  19  20  25  26  27  28  29  30  35  36  37  38  39  40
chain bonds :
1-2  1-6  1-7  1-12  2-3  3-4  3-8  3-9  4-5  5-10  5-11  5-73  15-22  18-21  21-24
22-23  25-32  28-31  31-34  32-33  35-42  38-41  41-44  42-43  45-46  45-51  47-48
```

```
47-52  49-50
49-53
ring bonds :
15-16  15-20  16-17  17-18  18-19  19-20  25-26  25-30  26-27  27-28  28-29  29-30
35-36  35-40  36-37  37-38  38-39  39-40
exact/norm bonds :
1-6  1-7  1-12  3-8  3-9  5-10  5-11  5-73
exact bonds :
1-2  2-3  3-4  4-5  15-22  18-21  21-24  22-23  25-32  28-31  31-34  32-33  35-42
38-41  41-44  42-43  45-46  45-51  47-48  47-52  49-50  49-53
normalized bonds :
15-16  15-20  16-17  17-18  18-19  19-20  25-26  25-30  26-27  27-28  28-29  29-30
35-36  35-40  36-37  37-38  38-39  39-40


G1:[*1],[*2],[*3],[*4],[*5],[*6]

Match level :
1:CLASS  2:CLASS  3:CLASS  4:CLASS  5:CLASS  6:CLASS  7:CLASS  8:CLASS  9:CLASS
10:CLASS  11:CLASS  12:CLASS  15:Atom  16:Atom  17:Atom  18:Atom  19:Atom  20:Atom
21:CLASS  22:CLASS
23:CLASS  24:CLASS  25:Atom  26:Atom  27:Atom  28:Atom  29:Atom  30:Atom  31:CLASS
32:CLASS
33:CLASS  34:CLASS  35:Atom  36:Atom  37:Atom  38:Atom  39:Atom  40:Atom  41:CLASS
42:CLASS  43:CLASS
44:CLASS  45:CLASS  46:CLASS  47:CLASS  48:CLASS  49:CLASS  50:CLASS  51:CLASS
52:CLASS  53:CLASS
73:CLASS



=> file caplus

http://www.cas.org/infopolicy.html

=> s L2 or L4 or L6 or L8
          1423 L2
            23 L4
           505 L6
            39 L8
L10       1942 L2 OR L4 OR L6 OR L8

=> s Polylysine or poly adj lysine or (lysine with polymer)
          7662 POLYLYSINE
           208 POLYLYSINES
          7714 POLYLYSINE
                 (POLYLYSINE OR POLYLYSINES)
        728823 POLY
             2 POLIES
        728824 POLY
                 (POLY OR POLIES)
           284 ADJ
        112761 LYSINE
          2461 LYSINES
        113539 LYSINE
                 (LYSINE OR LYSINES)
             0 POLY ADJ LYSINE
                 (POLY(W)ADJ(W)LYSINE)
        112761 LYSINE
```

```
          2461 LYSINES
        113539 LYSINE
                 (LYSINE OR LYSINES)
       1181580 POLYMER
        942076 POLYMERS
       1580426 POLYMER
                 (POLYMER OR POLYMERS)
           708 LYSINE WITH POLYMER
                 (LYSINE(1W)POLYMER)
L11        8103 POLYLYSINE OR POLY ADJ LYSINE OR (LYSINE WITH POLYMER)

=> s Polylysine or poly (W) lysine or (lysine (20A) polymer)
          7662 POLYLYSINE
           208 POLYLYSINES
          7714 POLYLYSINE
                 (POLYLYSINE OR POLYLYSINES)
        728823 POLY
             2 POLIES
        728824 POLY
                 (POLY OR POLIES)
        112761 LYSINE
          2461 LYSINES
        113539 LYSINE
                 (LYSINE OR LYSINES)
           688 POLY (W) LYSINE
        112761 LYSINE
          2461 LYSINES
        113539 LYSINE
                 (LYSINE OR LYSINES)
       1181580 POLYMER
        942076 POLYMERS
       1580426 POLYMER
                 (POLYMER OR POLYMERS)
          2462 LYSINE (20A) POLYMER
L12        9775 POLYLYSINE OR POLY (W) LYSINE OR (LYSINE (20A) POLYMER)

=> d his

     (FILE 'HOME' ENTERED AT 12:53:16 ON 07 MAR 2008)

     FILE 'REGISTRY' ENTERED AT 12:53:34 ON 07 MAR 2008
L1                 STRUCTURE UPLOADED
L2           2762 S L1 SSS FULL
L3                 STRUCTURE UPLOADED
L4             52 S L3 SSS FULL
L5                 STRUCTURE UPLOADED
L6            396 S L5 SSS FULL
L7                 STRUCTURE UPLOADED
L8             77 S L7 SSS FULL
L9                 STRUCTURE UPLOADED

     FILE 'CAPLUS' ENTERED AT 12:58:42 ON 07 MAR 2008
L10          1942 S L2 OR L4 OR L6 OR L8
L11          8103 S POLYLYSINE OR POLY ADJ LYSINE OR (LYSINE WITH POLYMER)
L12          9775 S POLYLYSINE OR POLY (W) LYSINE OR (LYSINE (20A) POLYMER)

=> s L10 (L) L12
L13             4 L10 (L) L12

=> d L13 1-4 ibib so abst hitstr
```

'ABST' IS NOT A VALID FORMAT FOR FILE 'CAPLUS'

The following are valid formats:

ABS --------- GI and AB
ALL --------- BIB, AB, IND, RE
APPS -------- AI, PRAI
BIB --------- AN, plus Bibliographic Data and PI table (default)
CAN --------- List of CA abstract numbers without answer numbers
CBIB -------- AN, plus Compressed Bibliographic Data
CLASS ------- IPC, NCL, ECLA, FTERM
DALL -------- ALL, delimited (end of each field identified)
DMAX -------- MAX, delimited for post-processing
FAM --------- AN, PI and PRAI in table, plus Patent Family data
FBIB -------- AN, BIB, plus Patent FAM
IND --------- Indexing data
IPC --------- International Patent Classifications
MAX --------- ALL, plus Patent FAM, RE
PATS -------- PI, SO
SAM --------- CC, SX, TI, ST, IT
SCAN -------- CC, SX, TI, ST, IT (random display, no answer numbers;
              SCAN must be entered on the same line as the DISPLAY,
              e.g., D SCAN or DISPLAY SCAN)
STD --------- BIB, CLASS

IABS -------- ABS, indented with text labels
IALL -------- ALL, indented with text labels
IBIB -------- BIB, indented with text labels
IMAX -------- MAX, indented with text labels
ISTD -------- STD, indented with text labels

OBIB -------- AN, plus Bibliographic Data (original)
OIBIB ------- OBIB, indented with text labels

SBIB -------- BIB, no citations
SIBIB ------- IBIB, no citations

HIT --------- Fields containing hit terms
HITIND ------ IC, ICA, ICI, NCL, CC and index field (ST and IT)
              containing hit terms
HITRN ------- HIT RN and its text modification
HITSTR ------ HIT RN, its text modification, its CA index name, and
              its structure diagram
HITSEQ ------ HIT RN, its text modification, its CA index name, its
              structure diagram, plus NTE and SEQ fields
FHITSTR ----- First HIT RN, its text modification, its CA index name, and
              its structure diagram
FHITSEQ ----- First HIT RN, its text modification, its CA index name, its
              structure diagram, plus NTE and SEQ fields
KWIC -------- Hit term plus 20 words on either side
OCC --------- Number of occurrence of hit term and field in which it occurs

To display a particular field or fields, enter the display field codes. For a list of the display field codes, enter HELP DFIELDS at an arrow prompt (=>). Examples of formats include: TI; TI,AU; BIB,ST; TI,IND; TI,SO. You may specify the format fields in any order and the information will be displayed in the same order as the format specification.

All of the formats (except for SAM, SCAN, HIT, HITIND, HITRN, HITSTR,

FHITSTR, HITSEQ, FHITSEQ, KWIC, and OCC) may be used with DISPLAY ACC
to view a specified Accession Number.
ENTER DISPLAY FORMAT (BIB):ibib

L13 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2007:786973 CAPLUS Full-text
DOCUMENT NUMBER: 147:159929
TITLE: Antifouling agents containing silicone-modified antibacterial polymers
INVENTOR(S): Yamamoto, Yuichi; Hiraki, Jun; Yoshida, Naoyuki
PATENT ASSIGNEE(S): Chisso Corp., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 23pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2007182431	A	20070719	JP 2006-323653	20061130
PRIORITY APPLN. INFO.:			JP 2005-350482 A	20051205

L13 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:1307413 CAPLUS Full-text
DOCUMENT NUMBER: 144:40363
TITLE: Cosmetic composition containing polyorganosiloxane-containing ε-polylysine polymer, and polyhydric alcohol, and production thereof
INVENTOR(S): Kawasaki, Yuji; Hori, Michimasa; Yamamoto, Yuichi; Hiraki, Jun
PATENT ASSIGNEE(S): Ichimaru Pharcos Co., Ltd., Japan; Chisso Corporation
SOURCE: Eur. Pat. Appl., 82 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1604647	A1	20051214	EP 2005-10234	20050511
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, BA, HR, IS, YU				
US 2006018867	A1	20060126	US 2005-126388	20050511
JP 2005350454	A	20051222	JP 2004-141778 A	20040512
PRIORITY APPLN. INFO.:			JP 2004-141778 A	20040512

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2004:985903 CAPLUS Full-text
DOCUMENT NUMBER: 141:411434
TITLE: Silicone-modified antimicrobial polymer, antimicrobial agent and antimicrobial resin composition
INVENTOR(S): Yamamoto, Yuichi; Hiraki, Jun
PATENT ASSIGNEE(S): Chisso Corporation, Japan
SOURCE: Eur. Pat. Appl., 35 pp.
CODEN: EPXXDW

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1477512	A1	20041117	EP 2004-9848	20040426
EP 1477512	B1	20070725		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
JP 2004339149	A	20041202	JP 2003-137031	20030515
US 2004228826	A1	20041118	US 2004-840235	20040507
PRIORITY APPLN. INFO.:			JP 2003-137031 A	20030515

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2004:472362 CAPLUS Full-text
DOCUMENT NUMBER: 141:24508
TITLE: Polyorganosiloxane-containing ε-polylysines and their manufacture
INVENTOR(S): Yamamoto, Yuichi; Hiraki, Jun
PATENT ASSIGNEE(S): Chisso Corp., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 17 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2004161820	A	20040610	JP 2002-326669	20021111
JP 4033758	B2	20080116		
PRIORITY APPLN. INFO.:			JP 2002-326669	20021111

```
=> s Lysine
        112761 LYSINE
          2461 LYSINES
L14     113539 LYSINE
                (LYSINE OR LYSINES)

=> d his

     (FILE 'HOME' ENTERED AT 12:53:16 ON 07 MAR 2008)

     FILE 'REGISTRY' ENTERED AT 12:53:34 ON 07 MAR 2008
L1              STRUCTURE UPLOADED
L2         2762 S L1 SSS FULL
L3              STRUCTURE UPLOADED
L4           52 S L3 SSS FULL
L5              STRUCTURE UPLOADED
L6          396 S L5 SSS FULL
L7              STRUCTURE UPLOADED
L8           77 S L7 SSS FULL
L9              STRUCTURE UPLOADED

     FILE 'CAPLUS' ENTERED AT 12:58:42 ON 07 MAR 2008
```

```
L10        1942 S L2 OR L4 OR L6 OR L8
L11        8103 S POLYLYSINE OR POLY ADJ LYSINE OR (LYSINE WITH POLYMER)
L12        9775 S POLYLYSINE OR POLY (W) LYSINE OR (LYSINE (20A) POLYMER)
L13           4 S L10 (L) L12
L14      113539 S LYSINE

=> s L14 (L) L10
L15           0 L14 (L) L10

=> log y
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                    33.64     749.59

STN INTERNATIONAL LOGOFF AT 13:02:43 ON 07 MAR 2008


Connecting via Winsock to STN



=> file registry
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     0.21      0.21

FILE 'REGISTRY' ENTERED AT 13:20:39 ON 07 MAR 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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STRUCTURE FILE UPDATES:    5 MAR 2008  HIGHEST RN 1006749-26-3
DICTIONARY FILE UPDATES:   5 MAR 2008  HIGHEST RN 1006749-26-3

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TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

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predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=>
Uploading C:\Program Files\Stnexp\Queries\235\235e1.str
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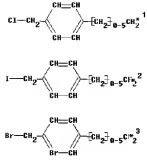

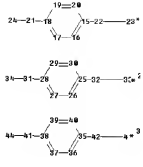

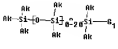

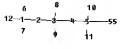

chain nodes :
1 2 3 4 5 6 7 8 9 10 11 12 21 22 23 24 31 32 33 34 41 42 43 44 55
ring nodes :
15 16 17 18 19 20 25 26 27 28 29 30 35 36 37 38 39 40
chain bonds :
1-2 1-6 1-7 1-12 2-3 3-4 3-8 3-9 4-5 5-10 5-11 5-55 15-22 18-21 21-24 22-23 25-32 28-31 31-34 32-33 35-42 38-41 41-44 42-43
ring bonds :
15-16 15-20 16-17 17-18 18-19 19-20 25-26 25-30 26-27 27-28 28-29 29-30 35-36 35-40 36-37 37-38 38-39 39-40
exact/norm bonds :
1-6 1-7 1-12 3-8 3-9 5-10 5-11 5-55
exact bonds :
1-2 2-3 3-4 4-5 15-22 18-21 21-24 22-23 25-32 28-31 31-34 32-33 35-42 38-41 41-44 42-43
normalized bonds :
15-16 15-20 16-17 17-18 18-19 19-20 25-26 25-30 26-27 27-28 28-29 29-30 35-36 35-40 36-37 37-38 38-39 39-40

G1:[*1],[*2],[*3]

Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS 10:CLASS 11:CLASS 12:CLASS 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom 21:CLASS 22:CLASS
23:CLASS 24:CLASS 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom 31:CLASS 32:CLASS
33:CLASS 34:CLASS 35:Atom 36:Atom 37:Atom 38:Atom 39:Atom 40:Atom 41:CLASS 42:CLASS 43:CLASS
44:CLASS 55:CLASS

```
L1      STRUCTURE UPLOADED

=> s L1 sss full
FULL SEARCH INITIATED 13:21:12 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -      725 TO ITERATE

100.0% PROCESSED      725 ITERATIONS                                  9 ANSWERS
SEARCH TIME: 00.00.02

L2            9 SEA SSS FUL L1

=>
Uploading C:\Program Files\Stnexp\Queries\235\235f.str
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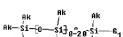

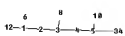

```
chain nodes :
1  2  3  4  5  6  7  8  9  10  11  12  15  16  17  18  19  20  21  22  23  34
chain bonds :
1-2  1-6  1-7  1-12  2-3  3-4  3-8  3-9  4-5  5-10  5-11  5-34  15-16  15-21  17-18
17-22  19-20  19-23
exact/norm bonds :
1-6  1-7  1-12  3-8  3-9  5-10  5-11  5-34
exact bonds :
1-2  2-3  3-4  4-5  15-16  15-21  17-18  17-22  19-20  19-23


G1:[*1],[*2],[*3]
```

```
Match level :
1:CLASS  2:CLASS  3:CLASS  4:CLASS  5:CLASS  6:CLASS  7:CLASS  8:CLASS  9:CLASS
10:CLASS  11:CLASS  12:CLASS  15:CLASS  16:CLASS  17:CLASS  18:CLASS  19:CLASS
20:CLASS  21:CLASS
22:CLASS  23:CLASS  34:CLASS



L3      STRUCTURE UPLOADED

=> s L3 sss full
FULL SEARCH INITIATED 13:21:41 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -    51026 TO ITERATE

 95.9% PROCESSED    48915 ITERATIONS  (    76 INCOMPLETE)      245 ANSWERS

100.0% PROCESSED    51026 ITERATIONS  (    80 INCOMPLETE)      288 ANSWERS
SEARCH TIME: 00.00.22

L4          288 SEA SSS FUL L3

=> file caplus

http://www.cas.org/infopolicy.html

=> d his

     (FILE 'HOME' ENTERED AT 13:20:28 ON 07 MAR 2008)

     FILE 'REGISTRY' ENTERED AT 13:20:39 ON 07 MAR 2008
L1              STRUCTURE UPLOADED
L2            9 S L1 SSS FULL
L3              STRUCTURE UPLOADED
L4          288 S L3 SSS FULL

     FILE 'CAPLUS' ENTERED AT 13:22:12 ON 07 MAR 2008

=> s L2 or L4
           21 L2
          410 L4
L5         431 L2 OR L4

=> s Polylysine or poly (W) lysine or (lysine (20A) polymer)
         7662 POLYLYSINE
          208 POLYLYSINES
         7714 POLYLYSINE
                (POLYLYSINE OR POLYLYSINES)
       728823 POLY
            2 POLIES
       728824 POLY
                (POLY OR POLIES)
       112761 LYSINE
         2461 LYSINES
       113539 LYSINE
                (LYSINE OR LYSINES)
          688 POLY (W) LYSINE
       112761 LYSINE
         2461 LYSINES
       113539 LYSINE
```

```
                (LYSINE OR LYSINES)
       1181580 POLYMER
        942076 POLYMERS
       1580426 POLYMER
                (POLYMER OR POLYMERS)
          2462 LYSINE (20A) POLYMER
L6        9775 POLYLYSINE OR POLY (W) LYSINE OR (LYSINE (20A) POLYMER)

=> s L5 (L) L6
L7           0 L5 (L) L6

=> s Lysine
        112761 LYSINE
          2461 LYSINES
L8      113539 LYSINE
                (LYSINE OR LYSINES)

=> s L8 (L) L5
L9           0 L8 (L) L5

=> log y
```